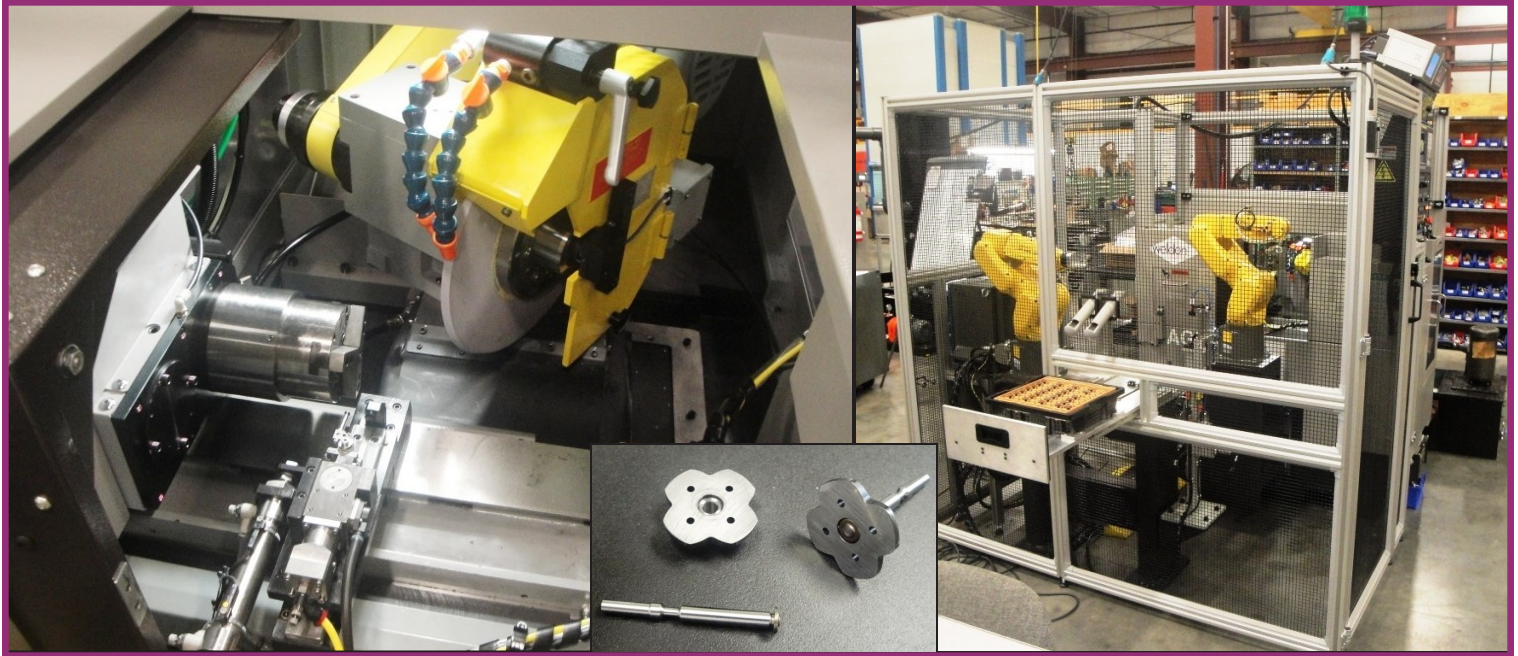


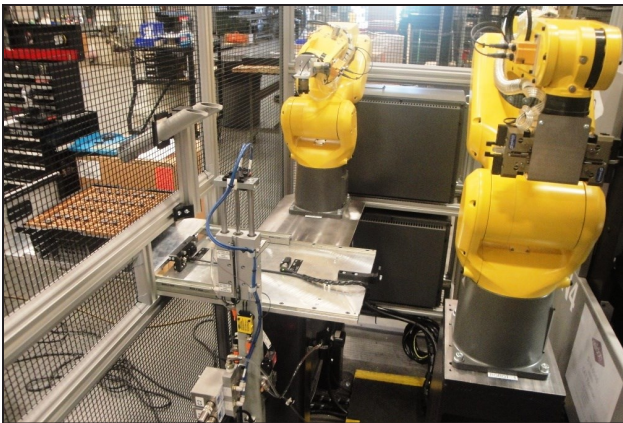
# AGN4 Automated Match Grinder

**Fuel Injection System Manufacturer** .....chooses the Weldon model AGN4 with turnkey automation for Armature to Pin Match Grinding.

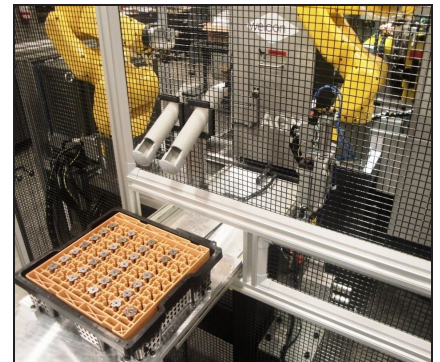


System features:

Dual **FANUC** LRMate 200i 6-axis robots, **Schunk** dual gripper assembly, **SBS** automatic wheel balancer, **Dittel** acoustic emissions sensor, **Etamic** pre-process and in-process sizing gages, **FANUC** 0i TD CNC control, **Microcentric** precision air chuck



Weldon designed dual robotic automation turnkey with (1) robot tending the pre-gage station that measures the armature counter-bore depth. The 2nd robot tends the grinder that grinds the pin end face to precisely match the output from the armature gage to a 5 micron total tolerance. Part presentation and exit via pallet tray designed to keep parts in matched pairs.



**Weldon Solutions** offers a full line of CNC OD, ID, and combination grinders. As a FANUC Robotics integrator, Weldon can also address your machine tending, material removal, material handling, and packaging/palletizing needs.

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